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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

**Complete if Known**

|                        |                   |
|------------------------|-------------------|
| Application Number     | 10/527,406        |
| Filing Date            | 12 September 2003 |
| First Named Inventor   | Tomasz Troczynski |
| Art Unit               |                   |
| Examiner Name          |                   |
| Attorney Docket Number | U008 0632         |

**U. S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
|                    |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                    | AA                    | US- 2002/0007209 A1                      | 01-17-2002                     | de Sheerder et al.                                 |   |
|                    | AB                    | US- 6,387,121 B1                         | 05-14-2002                     | Alt  |   |
|                    | AC                    | US- 5,055,307                            | 10-08-1991                     | Tsuru et al.                                       |   |
|                    | AD                    | US- 5,958,430                            | 09-28-1999                     | Lin et al.   |   |
|                    | AE                    | US- 2002/0155144 A1                      | 10-24-2002                     | Troczynski et al.                                  |   |
|                    | AF                    | US- 5,258,044                            | 11-02-1993                     | Lee  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
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|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | T <sup>6</sup> |
|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
|                    |                       | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |                                |  |   |                |
|                    | BA                    | EP 0 950 386 A2   | 10-20-1999                     | Cordis Corp.                                       |   |                |
|                    | BB                    | WO 98/43558   | 10-08-1998                     | Cap Biotech.                                       |   |                |
|                    | BC                    | WO 98/16209   | 04-23-1998                     | Etex Corp.   |   |                |
|                    |                       |   |                                |  |   |                |
|                    |                       |   |                                |  |   |                |
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Examiner  
Signature

/Suezu Ellis/

Date  
Considered

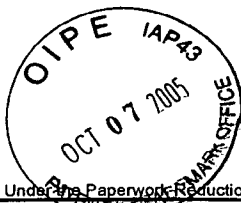
06/02/2008

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Sheet 2 of 2

**NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|--------------------|-----------------------|---|----------------|
|                    | CA                    | M. ITOKAZU, et al., Synthesis of antibiotic-loaded interporous hydroxyapatite blocks by vacuum method and in vitro drug release testing, Biomaterials 19 (1998) 817-819.  |                |
|                    | CB                    | F. MINGUEZ, et al., Post-Antibiotic Effect of Isepamicin Compared to that of Other Aminoglycosides, Drugs Exptl. Clin. Res. XVI(5) 231-235 (1990).  |                |
|                    | CC                    | W. PAUL & C.P. SHARMA, Development of porous spherical hydroxyapatite granules: application towards protein delivery, J. Mater. Sci.: Mater. Med. 10 (1999) 383-388.  |                |
|                    | CD                    | H.B. WEN, et al., Preparation of calcium phosphate coatings on titanium implant materials by simple chemistry, Biomed. Mater. Res. 41, 227-236, 1998.   |                |
|                    | CE                    | D.M. LIU, et al., Plasma-sprayed hydroxyapatite coating: effect of different calcium phosphate ceramics, J. Mater. Sci.: Mater. Med. 5, 147-153, 1994.  |                |
|                    | CF                    | K. de GROOT, et al., Plasma sprayed coatings of hydroxylapatite, J. Biomed. Mater. Res., Vol. 21, 1375-1381 (1987).   |                |
|                    | CG                    | K. YAMAMURA, et al., Synthesis of antibiotic-loaded hydroxyapatite beads and in vitro drug release testing, J. Biomed. Mater. Res., Vol. 26, 1053-1064 (1992).  |                |
|                    | CH                    | J.M. ROGERS-FOY, et al., Hydroxyapatite Composites Designed for Antibiotic Drug Delivery and Bone Reconstruction: A Caprine Model, J. Investigative Surgery, 12:263-275, 1999.  |                |
|                    | CI                    | S.A. BENDER, et al., Effect of protein on the dissolution of HA coatings, Biomaterials 21 (2000) 299-305.   |                |
|                    | CJ                    | Standard Test Method for Adhesion of Cohesive Strength of Flame-Sprayed Coatings.   |                |

|                    |               |                 |            |
|--------------------|---------------|-----------------|------------|
| Examiner Signature | /Suezu Ellis/ | Date Considered | 06/02/2008 |
|--------------------|---------------|-----------------|------------|

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